FIG. 1

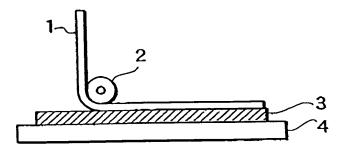


FIG. 2

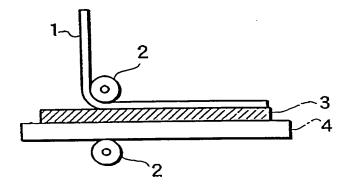


FIG. 3

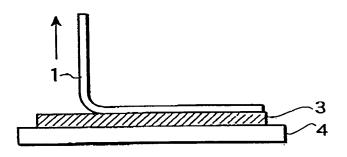


FIG. 4

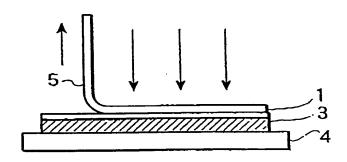


FIG. 5

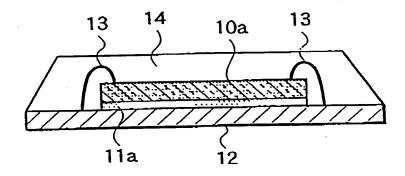


FIG. 6

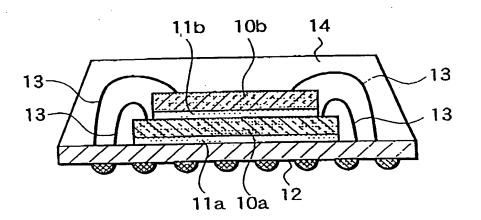


FIG. 7



FIG. 8

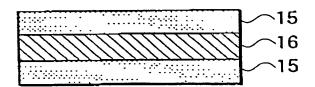


FIG. 9

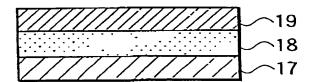


FIG. 10

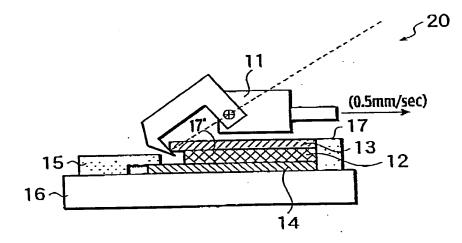
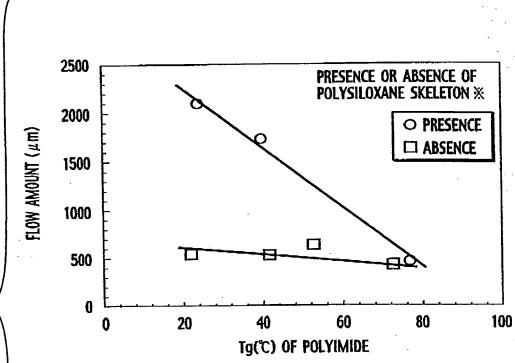


FIG. 11



RELATIONSHIP BETWEEN TG OF POLYIMIDE AND FILM FLOW AMOUNT

*** POLYSILOXANE SKELETON**

$$--- (H2C)3 ---Si - CH3 CH3 0-Si - (CH2)3 --- (CH2)3 --- (CH3) CH3 CH3 CH3 CH3 CH3 CH3 CH3 CH3$$